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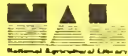
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Audio-Visuals Relating to Animal Care, Use and Welfare

AWIC Series #7

Updates AWIC Series #3 (June 1990)



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Audio-Visuals Relating to Animal Care, Use and Welfare

**AWIC Series #7
Updates AWIC Series #3 (June 1990)**

**D'Anna Berry
Animal Welfare Information Center**



National Agricultural Library Cataloging Record:

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ALPHABETICAL LISTING OF TITLES

1. About Animals, the Question Is...
2. Alternatives in Animal Research
3. The Americas' View of Animals
4. Amphibians: Medicine and Husbandry
5. Animal Behavior in the Wild
6. Animal Care and Use: Policy Issues in the 1990's
7. Animal Research: The Cost of Hope
8. Animal Rights/Animal Welfare
9. Animal Rights: The Issues, The Movement
10. Animal Welfare Information Center: Resources Today for the Research of Tomorrow
11. Animal Welfare: The Farmers' Story
12. The Animals Are Crying
13. The Animals Film
14. Animals in Biomedical Research
15. Animals in Research: A Complex Issue
16. Animals in Zoos: Issues and Concerns
17. Animals, Nature and Religion
18. The Ascent of the Chimps
19. Aseptic Surgery of Rodents
20. Bandaging and Splinting
21. Biomethodology of the Cat
22. Biomethodology of the Dog
23. Biomethodology of the Guinea Pig
24. Biomethodology of the Laboratory Mouse
25. Biomethodology of the Primate
26. Biomethodology of the Rabbit
27. Biomethodology of the Rat
28. Biovideo: Animal Senses
29. Breaking Barriers
30. Britches
31. BST: Continuing a Dairy Tradition
32. Caesarean Birth
33. Cage Sanitation: Use of Chemical Disinfectants
34. Caging Systems, Bedding Materials & Environmental Considerations for Laboratory Rodents
35. Canine Control Officer/Kennel Worker
36. Caring for Life
37. Carnivore Restraint and Handling
38. Cat Care: A Video Guide to Successful Cat Care
39. Cattle Handling and Transportation

40. The Challenge of Animals in Research
41. Changing Relationship Between Humans and Animals
42. Cleveland City Club Forum Debate on Animal Rights
43. Control of Ventilation: Effects of Chemo and Mechano Receptors
44. Cow Handling
45. Dehorning Cattle
46. Development and Reproduction of Mice in a Laboratory Setting
47. Diseases of Laboratory Animals as Complications of Biomedical Research
48. Dissection and Anatomy of the Brain
49. Dissection and Anatomy of the Cat
50. Dissection and Anatomy of the Eye
51. Dissection and Anatomy of the Heart
52. Dissection and Anatomy of the Shark
53. Do Animals Reason?
54. Do Animals Think and Feel?
55. The Dog and Cat
56. The Dog and Cat in Research
57. Dog Lab: An Unnecessary Exercise
58. Don't Kill the Animals
59. Elephant Care and Handling
60. Exodus at Yellowstone: The Second Catastrophe
61. External Physical Exam of the Dog
62. Facing the Animal Rights Challenge
63. The Family of Chimps
64. Farm Animal Behavior Research
65. The Feminist View of Human-Animal Relations
66. The Frog Inside-Out
67. Fundamentals of Blood Gas Analysis: Collection, Measurement and Interpretation
68. The Future of Human-Animal Relations
69. Gnotobiotic Pig Production
70. Gnotobiotics in Production of Experimental Animals
71. Granby's Primates
72. The Guinea Pig and Rabbit
73. The Guinea Pig: Biology
74. The Guinea Pig: Diseases
75. The Guinea Pig: Introduction and Husbandry
76. The Guns of Autumn
77. Hamster: Biology and Diseases, Part 2
78. The Hamster: Introduction and Husbandry, Part 1
79. Handling and Restraining Laboratory Rodents
80. Handling Hoofed Stock
81. Humane Care and Use of Laboratory Animals
82. Humane Educator/Obedience Trainer
83. The Image of Animals Today

84. Inspection and Labeling Aspects of Genetically Engineered Food Animals
85. Intercultural Views of Animals
86. Introduction of Foreign Genes into Livestock
87. Kiss the Animals Goodbye
88. Laboratory Animal Medicine: What It is and How It Relates to Veterinary Medicine
89. Laboratory Dogs
90. The Laboratory Rat: Biology, Husbandry and Research methodology
91. The Laboratory Rat: Diseases
92. The Laboratory Rat: Introduction
93. Life Force: Animal Welfare
94. Manipulation of Mouse Embryos
95. Man's Best Friends
96. Marine Mammals Handling and Restraint
97. Marsupial Care and Handling
98. Modern Veal Production: A Mixture of Technology and the Family Farm
99. The Mongolian Gerbil
100. The Mouse: Bacterial and Parasitic Diseases
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102. The Mouse: Handling, Restraint and Other Techniques
103. The Mouse: Husbandry
104. The Mouse: Neoplastic, Non-Infectious and Miscellaneous Diseases
105. The Mouse: Viral Diseases
106. The Mouse, Rat and Hamster
107. The Nature of Change
108. Neuromuscular Blocking Agents
109. A New Leash on Life
110. The New Research Environment
111. Nonhuman Primates
112. The Nonhuman Primates
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114. Orientation to Small Animal ICU
115. The Other Side of the Fence
116. Our Side of the Fence
117. Pinniped Identification
118. Plum Island Animal Disease Center
119. Practical Methodology: Endotracheal Intubation of the Guinea Pig
120. Practical Methodology: Endotracheal Intubation of the Rabbit
121. Practical Methodology: Endotracheal Intubation of the Rat and Hamster
122. Practical Methodology: Humane Handling and Laboratory Techniques for the Guinea Pig
123. Practical Methodology: Humane Handling and Laboratory Techniques for the Hamster
124. Practical Methodology: Humane Handling and Laboratory Techniques for the Mouse

125. Practical Methodology: Humane Handling and Laboratory Techniques for the Rabbit
126. Practical Methodology: Humane Handling and Laboratory Techniques for the Rat
127. Practical Methodology: Non-Human Primates Part I - Personnel Safety, Primate Handling and Restraint
128. Practical Methodology: Non-Human Primates Part II - Special Laboratory Techniques
129. Practical Methodology: Reptiles Part I - Humane Handling, Restraint and Husbandry
130. Practical Methodology: Reptiles Part II - Special Laboratory Techniques
131. Primates
132. Progress Without Pain
133. A Question of Life
134. A Question of Respect
135. A Question of Safety: The Importance of Product Safety Testing
136. Reptiles: Bacterial Diseases of Captives Reptiles
137. Research Animals: A Realistic View
138. Research Methods for Studying Animal Behavior in a Zoo Setting
139. Responsible Care and Use of Canines in Research
140. Restraint and Handling of the Bird
141. Restraint and Handling of the Cat
142. Restraint and Handling of the Dog
143. Reverence for Life: Rights and Responsibilities
144. Share the Care: Humane Education
145. Shiverer Mouse
146. Signs of Enrichment
147. Silent World: Genetic Engineering-Ethical, Environmental and Animal Welfare Concerns
148. Silver Spring Monkeys
149. Small Animal Anesthetic Induction Technique
150. Small Mammals Restraint and Handling
151. Sorry, Charlie
152. Speaking of Harvey
153. Suffer the Animals
154. Surgery Preparation
155. Surgical Instruments and Their Use
156. Techniques With Guinea Pigs
157. Terrorism in Dixon
158. To Hunt or Not To Hunt
159. Tools for Research: Questions About Animal Rights
160. Transgenic Farm Animals
161. The Ultimate Test Animal
162. Understanding Farm Animal Behavior
163. Unnecessary Fuss

- 164. Using Animals in Research: Guidelines for Investigators
- 165. The Value of Animal Research in the Betterment of Health
- 166. Veal Farming is Special
- 167. Voices I Have Heard
- 168. We Are All Noah
- 169. Who Cares Anyway
- 170. Who Speaks for the Animals?
- 171. Will I Be Alright Doctor?

001

About Animals, The Question Is... [videocassette]. Lynnwood, WA: Progressive Animal Welfare Society; 1987; 1/2" VHS, 22 min.

Key Words: Intensive livestock farming, laboratory animals, animal welfare, ethics.

Note: A historical exploration of Western culture's beliefs and practices regarding animals. Two practices are emphasized: the use of animals for food and for experimentation. The views of both critics and supporters of these practices are presented in order to stimulate questions and discussion by the audience. A study guide accompanies the videocassette.

NAL Call No: Videocassette No. 332.

002

Alternatives in Animal Research [videocassette]. Lubbock, TX: Peter Doris and Kathy Watson; Texas Tech University Health Science Center; 1989; 1/2" VHS and U-matic 3/4", 60 min.

Key words: animal models, biomedical research, alternatives, animal welfare, animal rights, history, the 3 R's.

Note: Gives the history of man's use of animals, and what the benefits to man have been and could be. A comprehensive discussion of the uses of animals in research today, along with the guidelines and regulations. Covers the issue of animal rights and its effects on research. Discusses alternatives to using animals by using techniques in Refinement, Reduction and Replacement.

NAL Call No. Videocassette No. 853 (VHS) and Videocassette No. 810 (U-matic).

003

The Americas' View of Animals [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Cultural values, history, religion.

Note: Representatives from the Jewish faith, South American Catholicism, Fundamentalist Christian faith and Native American culture discuss their views toward human-animal relationships in the Americas. The discussion reveals how current attitudes toward animals have been influenced by religious beliefs and historical conventions.

NAL Call No: Videocassette No. 323.

004

Amphibians: Medicine and Husbandry [slide]. Ann Arbor, MI: University of Michigan; 1975; 64 slides, audiocassette, 23 min.

Key Words: Frogs, salamanders, newts, tadpoles, axolotl, veterinary medicine, husbandry, laboratory animals.

Note: History of laboratory use, taxonomy, husbandry, sources of amphibians, and water quality parameters are addressed. Also covered are the signs, etiology, and treatment of "red leg syndrome", Lucke renal adenocarcinoma, mycobacterial infection, pigmented fungal infection, and parasites. A script accompanies the slide set.

NAL Call No: Slide No. 226.

005

Animal Behavior in the Wild [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Elk, musk oxen, cats, horses, behavior.

Note: University of Minnesota professors Richard Phillips and David Smith discuss and illustrate aspects of animal behavior and communication using examples recorded on film.

NAL Call No: Videocassette No. 368.

006

Animal Care and Use: Policy Issues in the 1990's [videocassette]. Katie McCabe; 1989; 1/2" VHS, 40 min.

Key Words: Animal rights, animal models, animal welfare, research, political activists.

Note: The video is a taping of a conference luncheon addressed by Katie McCabe on the animal rights movement and its effects on biomedical research today and the overall effect it will have on the world in the future.

Nal Call No: Videocassette No. 903.

007

Animal Research: The Cost Of Hope [videocassette]. Tuscon, AZ: Micheal Criley;
1/2" VHS, U-Matic 3/4" , 20 min.

Key Words: Animal welfare, animal research, laboratory animals, ethics.

Note: This videocassette examines the animal research vs animal rights debate. The contribution of animal research to the advancement of human health care is illustrated with animal and human heart patients. The acquisition of pound animals (dogs) for biomedical research is discussed.

NAL Call No: Videocassette No. 149 (U-matic) and Videocassette No. 151(VHS).

008

Animal Rights/Animal Welfare [videocassette]. Des Moines, Iowa: National Pork Producers Council; 1990, 1/2" VHS, 20 min.

Key words: Animal rights, animal welfare, factory farming, animal husbandry, farming.

Note: Discussion of animal rights and animal welfare in relation to factory farming. The video dispells perceived myths by the animal rights movement on factory farming. Discusses animal rights groups, their agendas, and their tactics. Gives advice on how people in the farming industry can deal with the issues and groups.

NAL Call No: Videocassette No.901.

009

Animal Rights: The Issues, The Movement [filmstrip]. Westport, CT: Animal Rights Network, Inc; 1982; 35 mm, 17 min.

Key Words: Veal calves, chickens, laboratory animals, farm animals, animal welfare, ethics, vegetarianism, trapping.

Note: This filmstrip introduces the viewer to the animal rights philosophy. The animal rights perspective as it relates to the use of animals for experimentation and food production is discussed. A script accompanies the filmstrip.

NAL Call No: Filmstrip No. 191.

010

Animal Welfare Information Center: Resources Today For the Research of Tomorrow

[videocassette]. Washington, DC: Video & Teleconference Division, USDA: 1989; 1/2" VHS, 11 min 37 sec.

Key Words: Library, information, animal welfare, research, laboratory animals.

Note: This video describes the resources and services offered by the Animal Welfare Information Center (AWIC) at the National Agricultural Library, including computer literature searching, production of bibliographies, identification of current research, and referrals. The film details how scientists and others can access information regarding laboratory animal care and use.

NAL Call No: Videocassette No. 559.

011

Animal Welfare: The Farmers' Story [Videocassette]. Park Ridge, IL: The American Farm Bureau Federation; 1981; 1/2" VHS, U-Matic 3/4" , 28 min 30 sec.

Key Words: Dairy cows, hogs, poultry, intensive livestock farming, animal welfare.

Note: This film explores the economic and animal husbandry aspects of current animal farming practices through onsite interviews with farmers. The film equates proper animal management practices with satisfactory animal welfare practices.

NAL Call No: Videocassette No. 399 (U-matic) and Videocassette No. 483 (VHS).

012

The Animals Are Crying [motion picture]. New York, NY: Learning Corporation of America; 1973; 16 mm, 28 min.

Key Words: Pets, dogs, cats, animal shelter, spaying, population control.

Note: Through a visit to an animal shelter and discussions with shelter personnel, a young family becomes aware of dog and cat overpopulation and the urgent need for animal birth control.

NAL Call No: Motion Picture No. 170.

013

The Animals Film [videocassette]. New York, NY: Cinema Guild; 1981; 1/2" VHS, 136 min.

Key Words: Population control, intensive livestock farming, hunting, animal products, laboratory animals, saboteurs, animal welfare.

Note: Interviews with activists and filming on location provide the vehicles for a thorough examination of the animal rights philosophy and activities. A number of issues are examined including animal population control, intensive livestock farming, hunting, animal products, and animal experimentation and testing
NAL Call No: Videocassette No. 183.

014

Animals in Biomedical Research [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Alternatives, animal welfare, ethics, medical research, laboratory animals.

Note: A lengthy panel discussion of the need for animals in biomedical research. Examples of advances in medicine through animal research are presented. Alternatives to and methods of reducing the use of animals in research, the limitations of animals in research, and the use of animals in teaching are discussed.
NAL Call No: Videocassette No. 326.

015

Animals in Research: A Complex Issue [videocassette]. Springfield, IL: Southern Illinois University School of Medicine; 1983; U-Matic 3/4", 6 min 25 sec.

Key Words: Medical research, laboratory animals, regulation.

Note: A brief introduction to issues concerning the use of animals in research. The film mentions the benefits of animal research and discusses painful procedures performed by biomedical researchers. The film also suggests that the need for regulating animal research be weighed against the costs and benefits to all of society.
NAL Call No: Videocassette No. 341.

016

Animals in Zoos: Issues and Concerns [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Animal breeding, artificial insemination, genetics.

Note: Dr. Thomas Foose of the American Association of Zoological Parks and Aquarium Carrol Henderson of the Minnesota Department of Natural Resources, and Harriet Lykken of the Sierra Club discuss the role of zoos in maintaining genetic diversity in captive animal populations. The panelists respond to audience questions.
NAL Call No: Videocassette No. 369.

017

Animals, Nature and Religion [videocassette]. Old Saybrook, CT: Connecticut Video Productions; 1980; 1/2" VHS, 38 min.

Key Words: Animal welfare, philosophy, American Indians, Hinduism, Buddhism, Christianity, Judaism, Taoism, sustainable agriculture, behavior, farm animals.

Note: Dr. Michael W. Fox surveys a wide spectrum of religious and philosophical thought to encourage respect for animals and nature. Fox emphasizes the need to change mankind's world view from one of self-centered domination (exemplified in the video by animal research, biotechnology, and modern agricultural practices) to a more holistic, interconnected concept of nature. The film ends with a plea for a more gentle, communal and harmonious approach to life. A script accompanies the video.

NAL Call No: Videocassette Nos. 418, 466, and 467 (three copies).

018

The Ascent of the Chimps [videocassette]. Santa Monica, CA: Greene and Dewar New Wilderness Productions; 1984; 1/2" VHS, 23 min.

Key Words: Chimpanzees, zoo animals, behavior, dominance.

Note: Lorne Greene narrates this segment of a popular television program which examines the behavior of over 50 captive chimpanzees held at the Arnhem Zoo in the Netherlands. It emphasizes the human-like "politics" and power struggles which occurred within the largest chimp colony of its kind from 1976 to 1983. Although footage from The Family of Chimps (Videocassette No. 434) has been incorporated into the program, this film is not as complete nor as entertaining as "The Family".
NAL Call No: Videocassette No. 433.

019

Aseptic Surgery of Rodents [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1989; 1/2" VHS, 30 min.

Key Words: Sterilization, disinfection, guinea pigs, hamsters, gerbils, veterinary training, biomedical techniques.

Note: This training module provides instruction on how to conduct aseptic surgery on laboratory rodents in accordance with Public Health Service policy and USDA regulations. The video covers pathogen-free surgical preparation of operating surfaces, instruments, personnel, and animal subjects. Quality control in sterilization and the administration of anesthetics and antibiotics are also discussed.
NAL Call No: Videocassette No. 561.

020

Bandaging and Splinting [videocassette]. Davis, CA: The University of California at Davis; October, 1977; U-Matic 3/4", 55 min.

Key Words: Dogs, veterinary medicine, coaptation splints, aluminum rod splints, plywood splints.

Note: Using the dog as a model, a veterinarian demonstrates proper methods of making and applying bandages and splints using a variety of materials.
NAL Call No: Videocassette No. 206.

021

Biomethodology of the Cat [videocassette]. Manassas, VA: MTM Associates, Inc; 1987; 1/2" VHS, 14 min 50 sec.

Key Words: Cats, restraint, drug administration, blood collection, euthanasia, veterinary training.

Note: This film demonstrates to animal technicians basic techniques for handling, restraining, and manipulating cats for research. Covers removal from caging, injection routes, blood collection, and euthanasia. *Laboratory Manual For Basic Biomethodology of Laboratory Animals: Vol.II Dogs, Cats, and Primates* accompanies the videotape.
NAL Call No: Videocassette No. 337.

022

Biomethodology of the Dog [videocassette]. Manassas, VA: MTM Associates, Inc; 1987; 1/2" VHS, 14 min 16 sec.

Key Words: Dogs, restraint, drug administration, blood collection, euthanasia, veterinary training.

Note: This film demonstrates to animal technicians safe and humane techniques for manipulating dogs in research including removal from caging, injection routes, blood collection, and euthanasia. *Laboratory Manual For Basic Biomethodology of Laboratory Animals: Vol.II Dogs, Cats, and Primates* accompanies the videotape.
NAL Call No: Videocassette No. 335.

023

Biomethodology of the Guinea Pig [videocassette]. Silver Spring, MD: MTM Associates; 1987; 1/2" VHS, 13 min 27 sec.

Key Words: Laboratory animals, biomedical techniques, restraint, veterinary training.

Note: A demonstration of basic techniques involving guinea pigs including identification, restraint, injection, blood withdrawal, and euthanasia.
NAL Call No: Videocassette No. 200.

024

Biomethodology of the Laboratory Mouse [videocassette]. Silver Spring, MD: MTM Associates; 1987; 1/2" VHS, 15 min.

Key Words: Laboratory animals, biomedical techniques, restraint, veterinary training.

Note: A demonstration of basic techniques involving laboratory mice including identification, restraint, injection, blood withdrawal, and euthanasia.
NAL Call No: Videocassette No. 200.

025

Biomethodology of the Primate [videocassette]. Manassas, VA: MTM Associates, Inc; 1987; 1/2" VHS, 15 min 48 sec.

Key Words: Rhesus monkeys, restraint, tattooing, injection, stomach tube, nasal-gastric gavage, blood withdrawal, euthanasia.

Note: This film demonstrates basic techniques for manipulating primates for research. It includes manual and chemical restraint, identification, injection routes, blood collection, and euthanasia. *Laboratory Manual For Basic Biomethodology of Laboratory Animals: Vol. II Dogs, Cats, and Primates* accompanies the videotape.
NAL Call No: Videocassette No. 336.

026

Biomethodology of the Rabbit [videocassette]. Silver Spring, MD: MTM Associates, Inc; 1987; 1/2" VHS, 14 min 49 sec.

Key Words: Laboratory animals, biomedical techniques, restraint, veterinary training.

Note: A demonstration of basic techniques involving laboratory rabbits including identification, restraint, injection, blood withdrawal, and euthanasia.
NAL Call No: Videocassette No. 200.

027

Biomethodology of the Rat [videocassette]. Silver Spring, MD: MTM Associates; 1987; 1/2" VHS, 16 min 33 sec.

Key Words: Laboratory animals, biomedical techniques, veterinary training.

Note: A demonstration of basic techniques involving laboratory rats including identification, restraint, injection, blood withdrawal, and euthanasia.
NAL Call No: Videocassette No. 200.

028

Biovideo: Animal Senses [videocassette]. Burlington, NC: Carolina Biological Supply Company; 1987; 1/2" VHS, 30 min.

Key Words: Stereoscopic vision, echolocation, pheromone, wild animals.

Note: An instructional program appropriate for high school and college science students, it explains how the major senses work and their importance to animal behavior and environmental adaptation. The anatomy and physiology of sight, hearing, smell, taste, touch, feeling, and balance are clearly illustrated using animations, diagrams, and live animals. Vertebrates and insects are emphasized. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 427.

029

Breaking Barriers [videocassette]. Washington, DC: People for the Ethical Treatment of Animals; 1986; 1/2" VHS, 16 min.

Key Words: Environmental enrichment, macaques, chimpanzees, marmosets, medical research, laboratory animal facilities.

Note: This videotape contains footage of laboratory animal facilities at SEMA, Inc. in Rockville, MD. Primates, infected with human pathogens, are housed in isolation or in stimuli-deprived environments. The film cites abnormal behaviors exhibited by the caged primates, including stereotypic behaviors and unusual vocalizations, as proof that the primates are housed and managed inhumanely.

NAL Call No: Videocassette No. 558.

030

Britches [videocassette]. Washington, DC: People for the Ethical Treatment of Animals; 1986; 1/2" VHS, 16 min.

Key Words: Laboratory animals, primates, ALF, stress, medical research, macaques.

Note: On April 20, 1985 the Animal Liberation Front (ALF) broke into a research facility at the University of California at Riverside. Activists removed cats, rabbits, pigeons, mice, opossums, and a young macaque identified as "Britches". This video documents the "rescue" of the primate from the research facility. The film concludes by encouraging viewers to protest government funded animal research.

NAL Call No: Videocassette No. 554.

031

BST: Continuing a Dairy Tradition [videocassette]. St. Louis, MO: Monsanto Company; 1988; 1/2" VHS, 11 min.

Key Words: Bovine somatotropin, biotechnology, milk.

Note: Experts in animal science, human health and agricultural economics answer important questions from Wisconsin dairy farmer Greg Mell. The film serves as a general overview of the nature of bovine somatotropin, including its use and safety.

NAL Call No: Videocassette No. 458.

032

Caesarean Birth [videocassette]. Davis, CA: University of California; 1977; U-Matic 3/4", 25 min.

Key Words: Dogs, Caesarean section, surgery, veterinary training.

Note: A training film for students of veterinary medicine, this program illustrates proper procedures and techniques involved in performing a Caesarean operation. A dog is used as a model.

NAL Call No: Videocassette No. 218.

033

Cage Sanitation: Use of Chemical Disinfectants [slide]. Seattle, WA: University of Washington; 1984; 56 slides, audiocassette 13 min.

Key Words: Disinfection, sterilization, laboratory animal facilities, cages, veterinary training.

Note: Presents information on how the three classes of disinfectants are used in animal facilities. A complete cycle of small cage sanitation is demonstrated for a large facility using automatic cage-washing equipment.

NAL Call No: Slide No. 230.

034

Caging Systems, Bedding Materials & Environmental Considerations for Laboratory Rodents [slide]. Seattle, WA: University of Washington; 1985; 53 slides, audiocassette 22 min.

Key Words: Cages, laboratory animal facilities, environmental factors, veterinary training.

Note: This program presents the rationale for the selection of cage style and bedding materials for laboratory rodents. In addition, the importance of controlling factors in the immediate environment including temperature, humidity, light cycle, and noise is discussed.

NAL Call No: Slide No. 237.

035

Canine Control Officer/Kennel Worker [filmstrip]. Mahwah, NJ: Troll Associates; 1975; 35 mm, 7 min.

Key Words: Pets, vocational guidance, juvenile films.

Note: Made for the Humane Society of the United States, this film focuses on careers related to kennels and to the control of pet populations. Intended for elementary grades.

NAL Call No: Filmstrip No. 199.

036

Caring for Life [videocassette]. Washington, DC: Foundation For Biomedical Research; 1985; U-Matic 3/4", 10 min 30 sec.

Key Words: Careers, veterinary nurse, laboratory animals, veterinary medicine, vocational education.

Note: A description of the varied job role of a veterinary nurse. Two certified veterinary nurses working at a laboratory animal rescue facility discuss various aspects of their job and their reasons for entering this field. Suitable for elementary and high school students.

NAL Call No: Videocassette No. 145.

037

Carnivore Restraint and Handling [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California; 1981; 112 slides, audiocassette 25 min.

Key Words: Tigers, foxes, wolves, bears, ferrets, raccoons, hyenas, mongooses, zoo animals, restraint, handling.

Note: This slide set demonstrates techniques for restraining and handling various species of wild carnivores representing the following family groups: Felidae, Canidae, Ursidae, Mustelidae, Procyonidae, and Viverridae. Proper techniques related to cleaning, feeding, chemical immobilization, and administering medicines are covered. A script accompanies the slide set.

NAL Call No: Slide No. 195.

038

Cat Care: A Video Guide to Successful Cat Care [videocassette]. New York, NY: United Media Productions; 1985; 1/2" VHS, 43 min.

Key Words: Cats, cat care, veterinary care.

Note: This is one of a series of tapes on animals by Dr. Michael Fox. In this tape he shares the secrets to adopting, owning and caring for your cat. Tips are given on eliminating fleas, vaccinations, illness, spaying/neutering, behavior, and massaging your cat. Proper care and understanding of your cat are addressed.

Nal Call No: Videocassette No. 908.

039

Cattle Handling and Transportation [videocassette]. Madison, WI: Livestock Conservation Institute; 1988; 1/2" VHS, 16 min.

Key Words: Intensive livestock farming, behavior, loading equipment, cattle.

Note: This training video explains the basics of cattle behavior as it relates to moving and transporting livestock efficiently and humanely. Vision, reaction to noise, flight zone, and natural circling and following behavior are discussed. Other topics include overcrowding in pens, use of squeeze chutes, loading and unloading to and from trucks, truck driving techniques, and temperature stress during transportation.

NAL Call No: Videocassette No. 422.

040

The Challenge of Animals in Research [videocassette]. Lubbock, TX: Texas Tech University Health Sciences Center; 1989; 1/2" VHS, 30 min.

Key Words: Ethics, animal research, animal models, social attitudes, medical advances, animal welfare, regulations, guidelines, laws.

Note: Discusses different social attitudes and ethics towards the use of animals in research. Gives historical viewpoints and doctrines on the use of animals by man. Discusses medical advances. Gives historical background on animal rights and animal welfare, as well as the present animal rights situation, legislature and educational efforts. Covers current guidelines and regulations that govern animal research.

NAL Call No: Videocassette No. 807.

041

Changing Relationship Between Humans and Animals [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Pets, intensive livestock farming, biological diversity, technology, future, ethics.

Note: Moderator Dr. David Garloff and panelists Drs. Joe Quigley and John Brantner, all of the University of Minnesota, consider changes in the human-animal relationship resulting from modern technology. The panelists address the following questions: What would a world without animals be like? Do we need animals anymore? Why do we have animals if we do not need them? One panelist concludes that as the world becomes more dependent on technology, animals will become less important. Agricultural animals and pets are emphasized in the discussion.

NAL Call No: Videocassette No. 321.

042

Cleveland City Club Forum Debate: Animals in Medical Research [videocassette]. Cleveland, Ohio: Cuyahoga Community College; 1989; 1/2" VHS, 60 min.

Key words: animal rights, debate, medical research, PETA.

Note: Robert J. White MD, PhD and Ingrid Newkirk of PETA debate issues of the use of animals in medical research.

NAL Call No: Videocassette No. 907.

043

Control of Ventilation: Effects of Chemo and Mechano Receptors [videocassette]. Davis, CA: University of California; 1988; 1/2" VHS, 40 min.

Key Words: Dog, anesthesia, veterinary medicine, surgery.

Note: This program demonstrates the effects of chemical and mechanical receptors on ventilation in mammals. It examines the physiological responses of a dog after the administration of various gases.

NAL Call No: Videocassette No. 409.

044

Cow Handling [videocassette]. Davis, CA: University of California; 1980; U-Matic 3/4", 19 min (Vol. 1), 40 min (Vol. 2).

Key Words: Cows, restraint, handling, veterinary medicine, biomedical techniques.

Note: Volume 1 demonstrates techniques for manually restraining the cow. It illustrates the use of the halter, nose ring, nose lead, and hobbles as well as demonstrating techniques for manipulating the tail and preventing kicks. Volume 2 demonstrates the following biomedical procedures: blood collection, vein location, bone marrow biopsy, injections, drenching, minor teat surgery, treatment of displaced abomasum and carcinoma of the eye, and use of the stomach tube, dose syringe, balling gun, and speculum.

NAL Call No: Videocassette No. 227.

045

Dehorning Cattle [videocassette]. San Luis Obispo, CA: Da-Nel Productions; Vocational Education Productions; 1985; 1/2" VHS, 25 min.

Key Words: dehorning, cattle, techniques, horns, physiology, purpose, animal welfare.

Note: Discusses why and when cattle are dehorned. Provides information of horn growth and its physiology. Describes the different dehorning techniques used, depending on the age of the animal. Several methods of dehorning are demonstrated. Discusses restraint and veterinary care .

NAL Call No: Videocassette No. 844.

046

Development and Reproduction of Mice in a Laboratory Setting [slide]. Seattle, WA: University of Washington; 1983; 39 slides, audiocassette 15 min.

Key Words: Mice, laboratory animals, reproduction, husbandry.

Note: An interactive program in which the viewer is provided with facts about normal mouse development and reproduction and is asked to apply these facts to animal care situations. Supervised practice with live animals at the time of presentation is recommended to reinforce the learning experience and encourage skill-building and confidence.

NAL Call No: Slide No. 232.

047

Diseases of Laboratory Animals as Complications of Biomedical Research [slide]. Pullman, WA: Washington State University; 1975; 39 slides, audiocassette 21 min.

Key Words: Disease control, pathogenesis, public health, enzootic simian viruses, *Pseudomonas aeruginosa*.

Note: Basic information for veterinary and other biomedical science students concerning laboratory animal medicine and diseases is presented. The program examines causative agents and disease control. A script accompanies the slide set.

NAL Call No: Slide No. 225.

048

Dissection and Anatomy of the Brain [videocassette]. Omaha, NE: Nebraska Scientific; 1989; 1/2" VHS, 23 min.

Key Words: Brain, dissection, anatomy, sheep.

Note: Uses a sheep brain to show mammalian brain characteristics. Discusses brain development and function, while demonstrating the dissection. A worksheet accompanies the video.

NAL Call No: Videocassette No. 834.

049

Dissection and Anatomy of the Cat [videocassette]. Omaha, NE: Nebraska Scientific; 1988; 1/2" VHS, 25 min.

Key Words: Cat, dissection, anatomy.

Note: This video covers external and internal anatomy of the cat. Mammalian characteristics are discussed. A worksheet accompanies the video.

NAL Call No: Videocassette No. 869.

050

Dissection and Anatomy of the Eye [videocassette]. Omaha, NE: Nebraska Scientific; 1989; 1/2" VHS, 16 min.

Key Words: Eye, dissection, anatomy.

Note: Discusses the dissection and anatomy of the eye. Utilizes a bovine eye and plastic model. A worksheet accompanies the video.

NAL Call No: Videocassette No. 848.

051

Dissection and Anatomy of the Heart [videocassette]. Omaha, NE: Nebraska Scientific; 1989; 1/2" VHS, 15 min.

Key Words: Heart, dissection, anatomy, mammal.

Note: Covers characteristics of the mammalian heart. Plastic model (human) and fetal pig used to demonstrate dissection. Anatomy, physiology, and function discussed. A worksheet accompanies the video.

NAL Call No: Videocassette No. 833.

052

Dissection and Anatomy of the Shark [videocassette]. Omaha, NE: Nebraska Scientific; 1988 ; 1/2" VHS, 26 min.

Key Words: Shark, dissection, anatomy.

Note: Gives a brief history and information on sharks. Uses a dogfish shark to demonstrate dissection of the internal and external anatomy. A worksheet accompanies the video.

NAL Call No: Videocassette No. 794.

053

Do Animals Reason? [motion picture]. Washington, DC: National Geographic Society; 1975; 16mm, 14 min.

Key Words: Triggerfish, starlings, dolphins, chimpanzees, animal behavior, intelligence.

Note: Demonstrating classic and contemporary animal behavior experiments using fish, birds, and mammals, this film introduces students to the learning abilities of animals. A teachers guide accompanies the film.

NAL Call No: Motion Picture No. 188.

054

Do Animals Think and Feel? [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Animal behavior, intelligence, language, cognitive neuropsychology, splitbrain operations.

Note: University of Minnesota faculty members Gail Peterson (psychologist) and Joe Quigley (veterinarian) discuss animal behavior, consciousness, learning, intelligence, and emotions. Comparisons and contrasts are made between the mental and emotional processes of animals and humans. The panelists respond to audience questions.

NAL Call No: Videocassette No. 319.

055

The Dog and Cat [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 35 min.

Key Words: Dogs, cats, laboratory animals, husbandry, experimental techniques.

Note: This program provides information on the humane care and use of laboratory dogs and cats for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' *Guide for the Care and Use of Laboratory Animals* and regulations set by the USDA. Topics include housing, nutrition, environment, record keeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A script, test, and answer key accompany the videocassette.

NAL Call No: Videocassette No. 338 vol. 4.

056

The Dog and Cat in Research [slide]. Seattle, WA: University of Washington; 1977;
72 slides, audiocassette 25 min.

Key Words: Dogs, cats, laboratory animals, biomedical techniques, husbandry.

Note: Research uses, acquisition, physical examination, conditioning, health maintenance, housing, and care of cats and dogs are presented.

NAL Call No: Slide No. 215.

057

Dog Lab: An Unnecessary Exercise [videocassette]. Washington, DC: People For the Ethical Treatment of Animals; 1987; 1/2" VHS, 16 min.

Key Words: Surgery, education, biomedical techniques, dogs.

Note: Taped segments obtained in 1987 from an East Carolina University surgical training class highlight questionable surgical techniques performed on a dog. The narrator asserts that the instructor was callous, unprofessional, and inept.

NAL Call No: Videocassette No. 555.

058

Don't Kill the Animals [videocassette]. Washington, DC: People for the Ethical Treatment of Animals, Inc; 1988; 1/2" VHS, 7 min.

Key words: Animal experimentation, ethic, morals, animal liberation, animal rights.

Note: This video consists of "break-in" footage set to music. Vegetarianisms is promoted, while research, farming, fur production, and hunting are spoken against.

NAL Call No: Videocassette No. 846.

059

Elephant Care and Handling [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 75 slides, audiocassette 20 min.

Key Words: Asian elephants, African elephants, zoo animals, chaining, bull hooks, chemical immobilization, toenail trimming.

Note: This training film for zoo caretakers details topics related to the care and handling of captive Asian and African elephants. The following subjects are discussed and illustrated: taxonomy, anatomy, cleaning, feeding, and restraint.

NAL Call No: Slide No. 191.

060

Exodus at Yellowstone: The Second Catastrophe [videocassette]. Sacramento, CA: Animal Protection Institute of America; 1989; 1/2" VHS, 30 min.

Key Words: Hunting, bison, ecology, wildlife.

Note: In the winter of 1989, following a severe drought and fire that destroyed food supplies within the park, large numbers of bison were shot after straying beyond Yellowstone National Park boundaries. Various animal protection advocates voice their protests over bison hunting, which is sanctioned by the Montana State Department of Wildlife.

NAL Call No: Videocassette No. 547.

061

External Physical Exam of the Dog [videocassette]. Davis, CA: University of California, Davis; 1981; U-Matic 3/4", 12 min.

Key Words: Dogs, palpation, pupillary response, occlusion, veterinary medicine.

Note: A veterinarian describes and demonstrates techniques necessary for conducting a general physical examination of a dog. Examination of the ears, eyes, nose, mouth, muscle and bone structure, feet, rectum, gonads, and internal organs is demonstrated.

NAL Call No: Videocassette No. 225.

062

Facing the Animal Rights Challenge [videocassette]. Alexandria, VA: Animal Health Institute; 1985; 49 slides, audiocassette 7 min.

Key Words: Farm animals, animal welfare, legislation.

Note: Directed at livestock producers, this slide presentation answers these questions: Who are animal rights groups? What are their origins? What do they want to accomplish? What can producers do? The audience is given tips on how to best deal with animal rights demonstrators and how to influence legislation affecting livestock production.

NAL Call No: Slide No. 289.

063

The Family of Chimps [videocassette]. New York, NY: Filmmakers Library; 1980; U-Matic 3/4" , 1/2" VHS, 55 min.

Key Words: Chimpanzees, behavior, zoo animals.

Note: In 1971 the largest colony of chimpanzees ever assembled together in a zoo environment was established at the Burgers Zoo in Arnhem, Holland. This film illustrates how ethologists use the 2.5 acre wooded exhibit to study chimpanzee behavior. Social play, aggression, mating behavior, the development of social hierarchies, and other interactions are examined in this informal, and often amusing, film. (See also The Ascent of the Chimps, videocassette no. 433).

NAL Call No: Videocassette No. 421 (U-Matic) and Videocassette No. 434 (VHS).

064

Farm Animal Behavior Research [videocassette]. Beltsville, MD: National Program Staff, Agricultural Research Service, USDA; June 8, 1990; 1/2" VHS, 100 min.

Key Words: Animal behavior, swine behavior, animal welfare, behavioral research.

Note: A videotaping of a seminar given by Dr. Stanley Curtis. Discusses current research in farm animal behavior, with an emphasis on swine behavioral research. Addresses issues, such as, farm animal welfare, psychological well-being, and animal awareness.

NAL Call No. Videocassette No. 906.

065

A Feminist View of Human-Animal Relations [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS. 45 min.

Key Words: Animal welfare, feminists, ethics.

Note: The concepts of "victim" and "distribution of powers" are discussed in reference to interactions between males and females and humans and animals. A historical perspective expressed through art is used to portray the connection between animal and child abuse.

NAL Call No: Videocassette No. 324.

066

The Frog Inside-Out [videocassette]. Livingston, NJ: Instructivision, Inc.; 1988; 1/2" VHS, 67 min.

Key Words: Frogs, laboratory animals, experimental techniques, dissection, anatomy, physiology.

Note: A clear, comprehensive instructional film appropriate for high school or college biology students. Part I, External Examination of the Frog's Anatomy, investigates how the frog's anatomy allows it to adapt to life on land and in water. It discusses the anatomy and physiology of vision, reproduction, locomotion, respiration, vocalization, hibernation, and skin pigmentation. Part II, Internal Examination and Dissection, outlines proper and humane dissection techniques and uses footage of dissected frogs to examine the following body systems: skeletal, muscular, digestive, circulatory, urogenital, and nervous. Parts I & II use live animals, animations, diagrams, and micrographs of tissue cells to illustrate important points. The narrator states that this video is intended to reduce the numbers of frogs used for experimental purposes.

NAL Call No: Videocassette No. 426 Part I and 426 Part II.

067

Fundamentals of Blood Gas Analysis: Collection, Measurement and Interpretation

[videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, 33 min.

Key Words: Veterinary hematology, pulmonary function tests, anesthesia, blood gas analyzer.

Note: This program examines three components of blood gas analysis: sample collection, measurement of samples, and interpretation of results. It explains how blood gas analysis can be used to gain information about gas exchange, acid/base balance, and ventilatory status during anesthesia. The film also examines the function and applications of an automatic blood gas analyzer.

NAL Call No: Videocassette No. 408.

068

The Future of Human-Animal Relations [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Pets, veterinary medicine, farm animals.

Note: This panel discussion addresses such topics as what pets will be like in the future, how preparation of veterinarians will change, the future of food animals, and our changing expectations from pets.

NAL Call No: Videocassette No. 328.

069

Gnotobiotic Pig Production [videocassette]. West Lafayette, IN: Purdue Research Foundation; 1985; 1/2" VHS, 22 min.

Key Words: Germ-free, pigs, disinfection, isolation bubbles, laboratory animal facilities, Cesarean section.

Note: Gnotobiotic pigs are important as research models and disease-free seed stock for commercial producers. This video details the equipment and methods of surgery, transfer, and rearing required for the production of piglets in a germ-free environment.

NAL Call No: Videocassette No. 474.

070

Gnotobiotics in Production of Experimental Animals [slide]. Seattle, WA: University of Washington; 1975; 47 slides, audiocassette 22 min.

Key Words: Laboratory animals, germ free animals, instruction.

Note: The development, maintenance, and use of the isolator for production of experimental animals, sterilization of isolators and supplies, and microbiologic monitoring techniques are discussed.

NAL Call No: Slide No. 219.

071

Granby's Primates [videocassette]. New York, NY: Film Makers Library, Inc; 1983; 1/2" VHS, 28 min.

Key Words: Gorillas, orangutans, chimpanzees, gibbons, zoo animals, behavior, environmental enrichment.

Note: An experiment conducted at the Granby Zoo in Quebec shows how the behavior of captive primates is modified by changes in their environment. Climbing structures are introduced to relieve boredom and to stimulate more naturalistic behaviors.

NAL Call No: Videocassette No. 402.

072

The Guinea Pig and Rabbit [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 28 min.

Key Words: Guinea pigs, rabbits, laboratory animals, husbandry, experimental techniques.

Note: This film presents information on the humane care and use of laboratory guinea pigs and rabbits for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' *Guide for the Care and Use of Laboratory Animals* and regulations set by the USDA. Topics covered include housing, nutrition, environment, record keeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A manual that includes a script, test, and answer key accompanies the videocassette.

NAL Call No: Videocassette No. 338 vol. 3.

073

The Guinea Pig: Biology [slide]. Seattle, Washington: University of Washington; 1975; 51 slides, audiocassette 20 min.

Key Words: Guinea pigs, diseases, anatomy, physiology, antibiotics, anesthesia, veterinary medicine.

Note: Aspects of guinea pig anatomy, physiology, reproduction, nutrition, and pharmacology are presented. Special attention is given to vital signs, growth, and hematological uniqueness, as well as reactions to antibiotics and anesthesia.

NAL Call No: Slide No. 218.

074

The Guinea Pig: Diseases [slide]. Seattle, Washington: University of Washington; 1975; 53 slides, audiocassette 18 min.

Key Words: Guinea pigs, parasites, tumors, nutrition, infections, veterinary medicine.

Note: Common or important diseases of guinea pigs in five major categories are examined: bacterial infections, viral and chlamydial infections, parasitic diseases, neoplastic diseases, and nutritional and metabolic diseases.

NAL Call No: Slide No. 218.

075

The Guinea Pig: Introduction and Husbandry [slide]. Seattle, WA: University of Washington; 1975; 55 slides, audiocassette 25 min.

Key Words: Guinea pigs, laboratory animals, husbandry.

Note: Guinea pig taxonomy, history, uses, husbandry, behavior, and reproduction are covered. Topics related to husbandry include environment, nutritional requirements, costs, sexing, and handling.

NAL Call No: Slide No. 218.

076

The Guns of Autumn [videocassette]. New York, NY: Carousel Films, Inc.; 1975; U-Matic 3/4"; 78 min.

Key Words: Hunting, wildlife, conservation, regulations.

Note: Produced by CBS News and narrated by Dan Rather, this program documents hunting across America. The film crew records the thoughts and actions of hunters as they stalk bear, deer, bison, and waterfowl. The portrayal of hunting in this video was not favorable.

NAL Call No: Videocassette No. 179.

077

The Hamster: Biology and Diseases, Part 2 [slide]. Seattle, WA: University of Washington; 1975; 62 slides, audiocassette 24 min.

Key Words: Hamsters, anatomy, physiology, husbandry.

Note: This program examines the anatomy, physiology, and pharmacology of hamsters, as well as the following disorders: enteritis, bacterial and viral diseases, parasites, neoplasms, and amyloidosis.

NAL Call No: Slide No. 223.

078

The Hamster: Introduction and Husbandry, Part 1 [slide]. Seattle, WA: University of Washington; 1975; 59 slides, audiocassette 25 min.

Key Words: Reproduction, behavior, instruction.

Note: Hamster taxonomy, history, uses, husbandry, behavior, and reproduction are presented. The discussion of husbandry includes environmental and nutritional requirements, costs, sexing, and handling.

NAL Call No: Slide No. 223.

079

Handling and Restraining Laboratory Rodents [slide] Seattle, WA: Northwest Committee for Training in Laboratory Animal Care and Health Sciences Center for Educational Resources; 1983; 40 slides, audiocassette 10 min.

Key Words: Mice, rats, gerbils, hamsters, guinea pigs, restraint, handling, laboratory animals.

Note: Identification, taxonomy, and procedures for safe and effective restraint and handling of common laboratory rodents are presented in this slide set. Both mechanical and hand restraint methods are demonstrated, as are appropriate techniques for transferring animals between cages and from a cage to a restraining device. A manual accompanies the slide set.

NAL Call No: Slide No. 239.

080

Handling Hoofed Stock [slide] San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 165 slides, audiocassette 50 min.

Key Words: Zoo animals, giraffes, deer, rhinoceros, okapis, peccaries, audads, antelopes, handling, restraint, husbandry.

Note: General principles concerning safe handling of large exotic hoofed stock as well as cleaning, feeding, transporting, and chemical and mechanical restraint are addressed.

NAL Call No: Slide No. 198.

081

Humane Care and Use of Laboratory Animals [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 32 min.

Key Words: Laboratory animal workers, animal welfare, Public Health Service.

Note: This videorecording examines issues related to humane laboratory animal care and use, including the Animal Welfare Act and other legislation, government guidelines for humane laboratory animal care, ethical viewpoints of animal use, roles and responsibilities of research staff and institutional animal care and use committee members, humane experimentation, alternatives, and information resources. A manual that includes a script, test, and answer key accompanies the videocassette.

NAL Call No: Videocassette No. 338 vol. 1.

082

Humane Educator/Obedience Trainer [filmstrip]. Mahwah, NJ: Troll Associates; 1975; 35 mm, audiocassette 7 min.

Key Words: Pet industry, vocational guidance, juvenile films.

Note: Made for the Humane Society of the United States, this film focuses on careers related to the care and training of animals. Intended for elementary grades.

NAL Call No: Filmstrip No. 200.

083

The Image of Animals Today [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Cultural values, mass media, literature.

Note: University of Minnesota faculty members Dr. David Garloff, Dr. Tom Scanlan, and Dr. Arthur Geffen discuss the portrayal of animals in contemporary American mass media. The panelists review depictions of animals in cartoons, books, poems, and on television and formulate a general conception of America's image of animals.

NAL Call No: Videocassette No. 320.

084

Inspection and Labeling Aspects of Genetically Engineered Food Animals [videocassette]. Washington, DC: USDA Food Safety and Inspection Service; 1985; 1/2" VHS, 53 min.

Key Words: Farm animals, biotechnology, meat inspection.

Note: Dr. Daniel Jones, USDA Office of Biotechnology, examines some of the legal and regulatory questions of labeling genetically engineered animals that may one day be produced and raised for food.

NAL Call No: Videocassette No. 274.

085

Intercultural Views of Animals [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Cultural values, animals, religion, ethics.

Note: Four guests from different socio-religious cultures (Hindu, Moslem, East African, and Buddhist) discuss various aspects of the human-animal relationship relative to their cultural habits, beliefs and social conventions. Comparisons are made to American views on the subject.

NAL Call No: Videocassette No. 322.

086

Introduction of Foreign Genes into Livestock [videocassette]. Washington, DC: USDA Food Safety and Inspection Service; 1986; 1/2" VHS, 53 min.

Key Words: Biotechnology, farm animals, sheep, pigs, nutrition.

Note: Dr. Robert Wall, USDA-ARS Reproduction Physiology Laboratory, discusses the introduction of foreign genes into sheep and pigs to increase feed efficiency.

NAL Call No: Videocassette No. 265.

087

Kiss the Animals Goodbye [videocassette]. Santa Monica, CA: Pyramid Film and Video; 1984; 1/2" VHS, 20 min.

Key Words: Euthanasia, adoption, animal shelters, population control.

Note: A discussion of issues concerning animal population control, including euthanasia and adoption. The intended audience is junior high school students through adults.

NAL Call No: Videocassette No. 196.

088

Laboratory Animal Medicine: What It is and How It Relates to Veterinary Medicine

[slide]. Seattle, WA: University of Washington; 1975; 61 slides, audiocassette 25 min.

Key Words: Laboratory animals, veterinary medicine.

Note: This program is designed to stimulate interest in laboratory animal medicine and science. It provides the basis for further study and training for those students who choose to pursue a career in experimental animal medicine.

NAL Call No: Slide No. 217.

089

Laboratory Dogs [videocassette]. New York, NY: Animal Welfare Institute of New York; 1966; 1/2" VHS, 16 min.

Key Words: Biomedical research, veterinary medicine, handling, laboratory facilities.

Note: Laboratory Dogs is a videorecorded copy of a circa 1950 black and white film outlining laboratory dog management techniques. Methods of maintaining a canine research facility and ensuring healthy, manageable dogs are presented.

NAL Call No: Videocassette No. 543.

090

The Laboratory Rat: Biology, Husbandry, and Research Methodology [slide]. Seattle, WA: University of Washington; 1977; 59 slides, audiocassette 15 min.

Key Words: Rats, biomedical techniques, laboratory animals, husbandry, veterinary training, veterinary medicine.

Note: This slide set describes and illustrates basic anatomy and physiology of laboratory rats, discusses standard procedures for housing rats in the laboratory, and familiarizes the viewer with basic methodology employed for manipulating rats in research. Research methodology includes handling, restraint, blood collection, anesthesia, and euthanasia. Biological values, nutrient requirements, and environmental considerations are listed in the accompanying guide.

NAL Call No: Slide No. 221.

091

The Laboratory Rat: Diseases [slide]. Seattle, WA: University of Washington; 1977; 48 slides, audiocassette 16 min.

Key Words: Rats, murine respiratory mycoplasmosis, haemobartonellosis, laboratory animals, veterinary medicine, veterinary training.

Note: This autotutorial program will familiarize veterinary and other biomedical science students with the principal diseases of laboratory rats, giving emphasis to two spontaneous infections occurring in laboratory rats. Etiology, pathogenesis, diagnosis, prevention and treatment of the infections are detailed. A manual accompanies slide set.

NAL Call No: Slide No. 221.

092

The Laboratory Rat: Introduction [slide]. Seattle, WA: University of Washington; 1977; 46 slides, audiocassette 15 min.

Key Words: Rats, history, veterinary training, medical research, laboratory animals.

Note: This program provides basic information to veterinary and other biomedical students concerning the role of the rat in research. The history of the rat with respect to its domestication and use in research and specific attributes that make this species particularly valuable as an experimental subject are covered. Specific uses of rats in research are also examined including its use in physiological, dental, and nutritional research, behavioral studies, drug evaluation, and oncology. A manual accompanies the slide set.

NAL Call No: Slide No. 221.

093

Life Force: Animal Welfare [videocassette]. Ames, Iowa: Iowa State University Extension Service; 1982; U-Matic 3/4", 27 min.

Key Words: Ethics, animal welfare, veterinarians.

Note: Through filmed interviews Dr. John Herrick of the Iowa State Extension Service, Dr. Michael Fox of the Humane Society of the United States, and two practicing veterinarians express their views on the animal welfare movement and professional ethics.

NAL Call No: Videocassette No. 345.

094

Manipulation of Mouse Embryos [videocassette]. Tokyo, Japan: Central Institute for Experimental Animals; 1989; 1/2" VHS, 12 min.

Key Words: Rats, mice, biotechnology, animal models, genetics, fertilization, DNA, chimeras.

Note: This film surveys various techniques for genetically manipulating laboratory rodents. Enucleation, DNA injection into ova, *in vitro* fertilization, embryo implantation, and the development of aggregation chimeras are among the procedures demonstrated. Invasion of sperm into an ovum, cell development *in vitro*, and the effects of rat growth hormone on mice are also described and illustrated. The narrator suggests that these techniques will one day lead to the development of new animal models for human diseases.

NAL Call No: Videocassette No. 438.

095

Man's Best Friends [videocassette]. New York, NY: Cinema Guild; 1985; 1/2" VHS, 60 min.

Key Words: Medical research, product safety, alternatives, regulation, PETA, NIH, USDA, FDA, ASPCA, animal welfare, ethics, laboratory animals.

Note: This taped PBS television program provides comprehensive, balanced coverage of the controversy surrounding the use of animals for research and testing. Dr. Edward Taub (NIH/IBR), Alex Pacheco (PETA), Dr. Michael Fox (HSUS), Dr. Lester Crawford (FDA), DR. A.K. Ommaya (George Washington University) and others comment on the ethical questions that are involved in medical, scientific commercial and military animal experimentation. Topics include benefits of animal research, Draize and LD50 tests, the laboratory animal industry, use of pound animals for research, animal dealers, animal auctions, and legislation.

NAL Call No: Videocassette No. 182.

096

Marine Mammals Handling and Restraint [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 73 slides, audiocassette, 17 min.

Key Words: Whales, dolphins, seals, sea lions, restraint, biomedical techniques.

Note: This program demonstrates techniques for the safe handling and restraint of cetaceans, pinnipeds, and sirens in order to perform common veterinary procedures. Surgery, physiological monitoring, blood collection, free feeding, and techniques for administering medicines involving marine mammals are covered. A manual accompanies the slide set.

NAL Call No: Slide No. 193.

097

Marsupial Care and Handling [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 54 slides, audiocassette 12 min.

Key Words: Kangaroos, koalas, opossums, wallabies, zoo animals, restraint, handling.

Note: This training program illustrates principles of handling and restraining various species of marsupials.

NAL Call No: Slide No. 192.

098

Modern Veal Production: A Mixture of Technology and the Family Farm [videocassette]. Freemont, WI: American Veal Association; 1987; 1/2" VHS, 9 min.

Key Words: Farm animals, housing, transportation, nutrition, anemia, husbandry, cattle.

Note: This video is part of a marketing effort to educate laymen about how farmers utilize modern technology and proper management practices to raise veal calves. Special fed veal calves are shown in individual pens that reduce stress, decrease health risks, and increase feed efficiency. The video examines nutrition and health maintenance programs and addresses concerns over anemia in calves.

NAL Call No: Videocassette No. 481.

099

The Mongolian Gerbil [slide]. Seattle, WA: University of Washington; 1979; 60 slides, audiocassette 20 min.

Key Words: Gerbils, husbandry, laboratory animals, biomedical techniques.

Note: This program discusses the husbandry, reproduction, diseases, and research uses of gerbils. A manual accompanies the slide set.

NAL Call No: Slide No. 224.

100

The Mouse: Bacterial and Parasitic Diseases [slide]. Seattle, WA: University of Washington; 1975; 67 slides, audiocassette 20 min.

Key Words: Mice, laboratory animals, diseases, parasites, veterinary medicine.

Note: This slide program serves as a guide to the principal bacterial and parasitic diseases of mice including gram positive cocci, enteric gram negatives, small gram negative bacilli, miscellaneous bacteria, and mycoplasma. The program also describes and illustrates the history, significance, etiology, pathogenesis, clinical signs, diagnosis, pathology, and control of Tyzzer's disease and ectoparasites. A manual accompanies the slide set.

NAL Call No: Slide No. 227 Part 5.

101

The Mouse: Biology and Use in Research [slide]. Seattle, WA: University of Washington; 1977 ; 77 slides, audiocassette 25 min.

Key Words: Mice, laboratory animals, medical research.

Note: This slide set covers basic biology and research uses of mice. The program describes and illustrates the following: history, taxonomy, nomenclature, sources and costs, anatomy, reproduction, physiological parameters, genetics, nutrition, behavior, growth, and life span. A manual accompanies the slide set.

NAL Call No: Slide No. 227 Part 1.

102

The Mouse: Handling, Restraint, and Other Techniques [slide]. Seattle, WA: University of Washington; 1975; 48 slides, audiocassette 12 min.

Key Words: Mice, laboratory animals, experimental techniques.

Note: This program demonstrates basic technical skills required for the proper care of mice and their use in biomedical research. It includes handling and restraint, injections and oral administration of medicine, blood and urine collection, sexing, identification, anesthesia, and euthanasia. A manual accompanies the slide set.

NAL Call No: Slide No. 227 Part 2.

103

The Mouse: Husbandry [slide]. Seattle, WA: University of Washington; 1975; 74 slides, audiocassette 15 min.

Key Words: Mice, laboratory animals, husbandry, housing.

Note: This slide set examines environmental requirements, caging, bedding, feeding and watering, sanitation, breeding, transportation, and quarantine procedures involving laboratory mice. A manual accompanies the slide set.

NAL Call No: Slide No. 227 Part 3.

104

The Mouse: Neoplastic, Non-Infectious and Miscellaneous Diseases [slide]. Seattle, WA: University of Washington; 1975; 44 slides, audiocassette 14 min.

Key Words: Mice, laboratory animals, cancer, tumors, veterinary medicine.

Note: This slide program illustrates the role of mice in cancer research and provides some insight into neoplastic diseases (leukemia, mammary tumors), non-infectious diseases (hormone contamination, chloroform and ethylene oxide poisoning), and miscellaneous causes of disease (hexamitiasis, encephalito- zoonosis eperythrozoonosis, dermatomycosis) in mice. A manual accompanies the slide set.

NAL Call No: Slide No. 227 Part 6.

105

The Mouse: Viral Diseases [slide]. Seattle, WA: University of Washington; 1975; 45 slides, audiocassette 18 min.

Key Words: Mice, laboratory animals, mouse pox, diarrhea.

Note: This slide set discusses ectromelia (mouse pox) and viral diarrhea of infant mice, and illustrates their effects on mice. The etiology, pathogenesis, clinical signs, pathology and diagnosis of the diseases are described. A manual accompanies the slide set.

NAL Call No: Slide No. 227 Part 4.

106

The Mouse, Rat and Hamster [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 34 min.

Key Words: Mice, rats, hamsters, laboratory animals, restraint, husbandry, biomedical techniques.

Note: This training film provides information on the humane care and use of laboratory rodents for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' *Guide for the Care and Use of Laboratory Animals* and regulations set by the USDA. Topics include housing, nutrition, environment, record keeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A manual that includes a script, test, and answer key accompanies the videocassette.

NAL Call No: Videocassette No. 338 vol 2.

107

The Nature of Change [videocassette]. St. Louis, MO: The Monsanto Company; 1984; 1/2" VHS, U-Matic 3/4", 17 min.

Key Words: Biotechnology, bovine somatotropin, farm animals.

Note: This film discusses the limitations of traditional animal and plant breeding and the possibilities of overcoming these limitations using recombinant DNA technology. The program examines the uses of bovine growth hormone to increase milk production in cows and *Agrobacterium tumefaciens* for crop improvement.

NAL Call No: Videocassette No. 202 (VHS) and Videocassette No. 407 (U-Matic).

108

Neuromuscular Blocking Agents [videocassette]. Davis, CA: University of California at Davis; 1980; U-Matic 3/4", 52 min.

Key Words: Birds, cats, muscle relaxants, drugs, curare, suxamethonium, veterinary training.

Note: This film examines the mode of action of various neuromuscular blocking agents by demonstrating their effects on the cat and chicken.

NAL Call No: Videocassette No. 221.

109

A New Leash on Life [videocassette]. Charlotte, NC: W.J. Klein Company; presented by the Humane Society of the United States; 1987; 1/2" VHS, 15 min.

Key Words: Dogs, pets, pounds, adoption, pet care.

Note: Presents the benefits and costs of owning a dog. Addresses the issues of pet abandonment, pound adoption, pet care, and living with pets in apartments.

NAL Call No: Videocassette no. 904.

110

The New Research Environment [videocassette]. Washington, DC: Foundation for Biomedical Research; 1987; 1/2" VHS, 14 min (Tape 1), 30 min (Tape 2).

Key Words: Rats, rabbits, laboratory animals, regulations, animal welfare, public opinion, surgery, biomedical techniques, animal care and use committees.

Note: Tape 1: The Animal Rights Movement: The Threat to Research explains how media coverage of a few instances of research animal abuse has significantly disrupted biomedical research. The history of the anti-animal research movement is briefly reviewed and the results of a public opinion survey concerning the animal research community are presented. Tape 2: This program is divided into three parts: 1) An examination of the role of Animal Care and Use Committees (ACUC's) for ensuring humane laboratory animal treatment. It includes a dramatization of an ACUC conducting a protocol review; 2) A demonstration of techniques for manipulating laboratory animals for research. It covers handling, identification, injections, gavaging, anesthesia, blood collection, and euthanasia using rats and rabbits as subjects; 3) A demonstration of recommended procedures involved in survival surgery. Presurgical scrubbing, instrument sterilization, and postsurgical care are discussed.

NAL Call No: Videocassette No. 194.

111

Nonhuman Primates [slide]. Seattle, WA: University of Washington; 1975; 392 slides, 6 audiocassettes 145 min.

Key Words: Laboratory animals, primates, veterinary training.

Note: Prepared by laboratory animal specialists, this six-part program is intended to educate third year veterinary students on the characteristics, uses and care of a variety of laboratory primates. Part 1: Introduction and Taxonomy (62 slides, 25 min.); Part 2: Biology and Use (66 slides, 30 min.); Part 3: Husbandry and Breeding (79 slides, 25 min.); Part 4: Viral Diseases (53 slides, 20 min); Part 5: Bacterial Diseases (72 slides, 25 min.); Part 6: Parasitic and Noninfectious Diseases (62 slides, 20 min.). A study guide accompanies each slide set.

NAL Call No: Slide No. 220.

112

The Nonhuman Primates [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 29 min.

Key Words: Primates, laboratory animals, veterinary medicine, husbandry, restraint, veterinary training.

Note: This program provides information on the humane care and use of laboratory primates for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' *Guide for the Care and Use of Laboratory Animals* and regulations set by the USDA. Topics include housing, nutrition, environment, record keeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A manual that includes a script, test, and answer key accompanies the videocassette.

NAL Call No: Videocassette No. 338 vol. 5.

113

Nutrition and Feeding Methods for Laboratory Animals [slide]. Seattle, WA: University of Washington; 1983; 58 slides, audiocassette 25 min.

Key Words: Guinea pigs, rabbits, dogs, cats, nutritional requirements, laboratory animals.

Note: This program examines the nutritional requirements of rodents, guinea pigs, rabbits, dogs, and cats. Feeding behaviors, typical feeding methods and risks associated with improper feeding are discussed. A guide accompanies slides set.

NAL Call No: Slide No. 216.

114

Orientation to Small Animal ICU [videocassette]. Davis, CA: University of California at Davis; 1977; U-Matic 3/4", 22 min.

Key Words: Intensive care unit, veterinary equipment, veterinary training.

Note: This training film offers a brief introduction to the operation, maintenance, and trouble shooting of five pieces of veterinary ICU equipment: oxygen therapy unit, DC defibrillator, IVAC constant fluid infusion pump, ultrasonic nebulizer, and the wall mounted anesthetic machine and ventilator.

NAL Call No: Videocassette No. 213 and 224.

115

The Other Side of the Fence [videocassette]. Camden ME: American Society for the Prevention of Cruelty to Animals and Varied Directions, Inc.; 1988; 1/2" VHS, 10 min. 37 sec.

Key Words: Veal calves, intensive livestock farming, animal welfare.

Note: The narrator questions whether veal calves raised under modern intensive farming systems are supplied their fundamental needs of adequate shelter, nutrition, and companionship. Although the script denigrates this production system, the still pictures and footage of actual veal calf operations provide the viewer with a realistic depiction of modern veal production.

NAL Call No: Videocassette No. 432.

116

Our Side of the Fence [videocassette]. Englewood, CO: National Cattleman's Association; March 1989; 1/2" VHS, 9 min.

Key Words: animal agriculture, Massachusetts referendum, animal activists, animal welfare, livestock, beef cattle industry.

Note: Discusses the Massachusetts Referendum of November, 1988. Looks at the campaign strategies of animal activists. Promotes unification of agricultural groups to defeat the referendum. Discusses the importance of communicating with and educating the public on animal agricultural.

NAL Call No: Videocassette No. 791.

117

Pinniped Identification [slide]. Davis, CA: San Diego Zoological Society and University of California at Davis; 1983; 32 slides, audiocassette 20 min.

Key Words: Pinnipedia, seals, sea lions, identification, behavior, zoo animals.

Note: To assist in their identification, the physical and behavioral characteristics of various species of pinnipeds are described and illustrated. A guide accompanies slides.

NAL Call No: Slide No. 199.

118

Plum Island Animal Disease Center [videocassette]. Washington, DC: USDA, Food Safety and Inspection Service; 1985; 1/2" VHS, 53 min.

Key Words: Animal research, infectious diseases, containment facilities, USDA, ARS.

Note: This is a videotaped record of a Technology Transfer and Assessment Staff seminar presented by Manuel Barbeito, Biological Safety Officer for the Agricultural Research Service (ARS). The speaker describes the biosafety containment facilities and practices at the Plum Island Animal Disease Center, used by the USDA for the study of animal parasites and diseases. Four objectives of all containment laboratories are detailed: 1) serve research needs, 2) provide personnel protection, 3) prevent contamination, and 4) protect the environment.

NAL Call No: Videocassette No. 273.

119

Practical Methodology: Endotracheal Intubation of the Guinea Pig [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 13 min.

Key Words: Guinea pigs, anesthesia, laboratory animals, veterinary training.

Note: This film demonstrates the proper techniques involved in performing endotracheal intubation for anesthetizing the guinea pig.

NAL Call No: Videocassette No. 204.

120

Practical Methodology: Endotracheal Intubation of the Rabbit [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 13 min.

Key Words: Rabbits, anesthesia, laboratory animals, veterinary training.

Note: This film demonstrates the proper techniques involved in performing endotracheal intubation for anesthetizing the rabbit.

NAL Call No: Videocassette No. 204.

121

Practical Methodology: Endotracheal Intubation of the Rat and Hamster [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 10 min. 30 sec.

Key Words: Rats, hamsters, anesthesia, laboratory animals, veterinary training.

Note: This film demonstrates the proper techniques involved in performing endotracheal intubation for anesthetizing the rat and hamster.

NAL Call No: Videocassette No. 204.

122

Practical Methodology: Humane Handling and Laboratory Techniques for the Guinea Pig [videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, U-Matic 3/4", 19 min 24 sec.

Key Words: Guinea pigs, laboratory animals, restraint, veterinary training.

Note: This film provides instruction on the proper restraint and handling of guinea pigs and demonstrates common laboratory techniques, such as administering injections and oral dosages, using guinea pigs.

NAL Call No: Videocassette No. 687 (VHS) and Videocassette No. 204 (U-Matic) .

123

Practical Methodology: Humane Handling and Laboratory Techniques for the Hamster
[videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS,
22 min.

Key Words: Hamsters, laboratory animals, biomedical techniques, restraint, veterinary training.

Note: This film demonstrates proper restraint and handling techniques, endotracheal intubation, drug administration, blood collection, and sex determination using the hamster. A script accompanies the videocassette.

NAL Call No: Videocassette No. 404.

124

Practical Methodology: Humane Handling and Laboratory Techniques for the Mouse
[videocassette]. Davis, CA: University of California; 1987; U-Matic 3/4", 18 min.

Key Words: Mice, laboratory animals, restraint, handling, veterinary training, biomedical techniques.

Note: This program instructs the viewer on methods of restraining and handling laboratory mice in order to perform common experimental procedures. Demonstrations of laboratory techniques using the mouse, including administering injections and oral dosages, are provided.

NAL Call No: Videocassette No. 204.

125

Practical Methodology: Humane Handling and Laboratory Techniques for the Rabbit
[videocassette]. Davis, CA; University of California at Davis; 1987; 1/2" VHS,
U-Matic 3/4" , 25 min. 30 sec.

Key Words: Rabbits, laboratory animals, biomedical techniques, restraint, veterinary training.

Note: Instruction for restraining and handling the laboratory rabbit is provided in this film. It demonstrates common laboratory techniques using the rabbit including sexing, gavaging, injection techniques (intramuscular, intravenous, intradermal, subcutaneous), ear vein and cardiac puncture blood collection, use of sedatives/vasodilators, and euthanasia.

NAL Call No: Videocassette No. 688 (VHS) and Videocassette No. 204 (U-Matic).

126

Practical Methodology: Humane Handling and Laboratory Techniques for the Rat [videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, 21 min.

Key Words: Rats, laboratory animals, biomedical techniques, restraint, veterinary training.

Note: This film demonstrates proper restraint and handling techniques, endotracheal intubation, drug administration, blood collection, and sex determination using the rat. A script accompanies the videocassette.

NAL Call No: Videocassette No. 405.

127

Practical Methodology: Nonhuman Primates Part I - Personnel Safety, Primate Handling and Restraint [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 18 min 40 sec.

Key Words: Squirrel monkeys, macaques, ketamine hydrochloride, Herpes B virus, restraint, technician training, occupational health and safety, laboratory animals.

Note: The first of a two part series, this program discusses personnel safety for laboratory animal technicians working with primates. It covers Herpes B virus prevention, protective clothing, personal hygiene and safe handling practices with the goal of minimizing stress to the animals and maximizing safety for the handler. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 413 Part 1 of 2.

128

Practical Methodology: Nonhuman Primates Part II - Special Laboratory Techniques [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 15 min 22 sec.

Key Words: Macaques, technician training, biomedical techniques, intubation.

Note: The second part of a two part series, this program describes and demonstrates laboratory techniques involving primates including gavaging, injections, and blood collection. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 413 Part 2 of 2.

129

Practical Methodology: Reptiles Part I - Humane Handling, Restraint and Husbandry [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 17 min.

Key Words: Snakes, lizards, tortoises, terrapins, husbandry, restraint, handling.

Note: The first of a two part series, this program discusses the basics of handling, restraint, and husbandry of snakes, lizards, tortoises, and terrapins. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 414 Part I.

130

Practical Methodology: Reptiles Part II - Special Laboratory Techniques [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 17 min 41 sec.

Key Words: Snakes, tortoises, terrapins, lizards, biomedical techniques, laboratory animals, succinyl choline, ketamine hydrochloride.

Note: The second of a two part series, this program covers laboratory techniques such as sexing, blood sampling, catheter placement, injection sites, oral gavaging, intubation, restraint, anesthesia, and euthanasia for reptiles. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 414 Part II.

131

Primates [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 125 slides, audiocassette 25 min.

Key Words: Chimpanzees, gibbons, orangutans, tarsiers, marmosets, gorillas, husbandry, restraint, handling, taxonomy, zoo animals, biomedical techniques.

Note: This slide set illustrates principles of handling and restraint of various species of primates. Topics related to handling include protective clothing, restraint devices, and capture methods. A number of laboratory techniques are also covered including blood, urine, and fecal collection, tuberculin testing, injections, gavaging, and administering medicines. Primate nutrition is discussed briefly. Guide accompanies slides.

NAL Call No: Slide No. 197.

132

Progress Without Pain [videocassette]. London, England: The Lord Dowding Fund for Humane Research; 1984; 1/2" VHS, 55 min.

Key Words: Animal models, laboratory animals, pharmaceuticals, alternative medicine, alternative testing methods, medical research.

Note: Part I, A New Approach to Health, challenges the notion that modern medicine is responsible for the increased life span and better health care enjoyed by the Western world. Rather, it identifies better nutrition, sanitation, hygiene, and living and working conditions as the major factors for improvements in health in the West. Major alternative therapies practiced in Britain are briefly surveyed. Part II, A New Approach to Testing, argues that animal models are unreliable indicators of the effects of disease and drugs in human. Alternative techniques which eliminate the need for live animal models including chromatography, chemical analysis, cell and organ culture, theoretical techniques, clinical observations, and research with patients are presented. Finally, the program discusses obstacles to the development of a more holistic and humane approach to medical research and treatment. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 424.

133

A Question of Life [videocassette]. Berkeley, CA: California Biomedical Research Association; 1984; 1/2" VHS, 15 min.

Key Words: Medical research, animal models, animal welfare, ethics.

Note: The role of laboratory animals in the advancement of medicine is examined. The program lists medical benefits for humans and animals resulting from animal research.

NAL Call No: Videocassette No. 193.

134

A Question of Respect [videocassette]. New York: American Society for the Prevention of Cruelty to Animals; 1988; 1/2" VHS, 12 min.

Key Words: Animal welfare, laboratory animals, experimentation, livestock, pets.

Note: The ASPCA looks at the inter-relationship between earth, animals, and man. Discusses man's responsibility towards animals with respect to research, product testing, and pets.

NAL Call No: Videocassette No. 801.

135

A Question of Safety: The Importance of Product Safety Testing [videocassette].

Washington, DC: Foundation for Biomedical Research; 1988; 1/2" VHS, 14 min 30 sec.

Key Words: Toxicity, animal models, product safety, alternative testing methods.

Note: This film discusses the use of laboratory animals in providing product safety assurance. The program stresses the importance of data from toxicity studies using animals to determine product safety under normal conditions and toxicity treatment in cases of accidental poisoning. It briefly discusses the concept of "acceptable risk" and the use of alternatives to live animals.

NAL Call No: Videocassette No. 340.

136

Reptiles: Bacterial Diseases of Captive Reptiles [slide]. Seattle, WA: University of Washington; 1975; 55 slides, audiocassette 14 min.

Key Words: Turtles, tortoises, terrapins, snakes, lizards, bacterial diseases, veterinary medicine.

Note: This slide set describes and illustrates the following aspects of bacterial diseases of reptiles: predisposing environmental factors, clinical symptoms, and disease treatment and prevention. Superficial cutaneous infections, septicemic cutaneous necerative disease, superficial abscesses, maxillary abscesses, infectious stomatitis, respiratory infections, and shell "fungus" are the disease conditions examined. A manual accompanies the slide set.

NAL Call No: Slide No. 222.

137

Research Animals: A Realistic View [videocassette]. Springfield, IL: Southern Illinois University; 1978; 1/2" VHS, 13 min. 37 sec.

Key Words: Laboratory animal facility, veterinary medicine, husbandry.

Note: This program discusses the quality of animal care and equipment of a model animal research facility. A visual tour through an actual research facility serves to illustrate proper laboratory animal care.

NAL Call No: Videocassette No. 205.

138

Research Methods for Studying Animal Behavior in a Zoo Setting [videocassette]. Apple Valley, MN: Minnesota Zoological Garden and Portland, OR: Washington Park Zoo; 1983; U-Matic 3/4", (Part 1) 19 min, (Part 2) 60 min.

Key Words: Musk oxen, macaques, flamingos, zoo animals, ethology, ethograms, statistics, sampling methods.

Note: This film introduces novice researchers to methods of studying animal behavior. Formulating a research question, reconnaissance observations, ethogram construction, sampling methods, data collection, statistical analysis, and interpretation of results are discussed. The program emphasizes five different sampling methods. The viewer can practice each method by watching and scoring the following samples of behavior: agonistic interactions of male musk oxen, social play in Japanese macaques, and feeding in flamingos. The accompanying manual includes examples of ethograms and data sheets for sampling.

NAL Call No: Videocassette No. 234.

139

Responsible Care and Use of Canine in Research [videocassette]. Madison, WI: University of Wisconsin, Research Animal Resources Center; 1989; 1/2" VHS, 30 min.

Key Words: Dogs, laboratory animals, biomedical research, restraint, handling, veterinary techniques, teaching.

Note: Discusses uses of dogs in biomedical research. Physiological and psychological aspects considered. Proper care, handling and veterinary techniques are discussed and demonstrated. Regulations, guidelines, animal rights issues, and random source and purpose breeding are also discussed.

NAL Call No: Videocassette No. 736.

140

Restraint and Handling of the Bird [videocassette]. Davis, CA: University of California at Davis; 1978; 1/2" VHS, 34 min.

Key Words: Birds, zoo animals, restraint, handling, biomedical techniques.

Note: This program demonstrates safe physical restraint techniques for the following groups of birds: flightless birds, waterfowl, shorebirds, galliformes, long-billed/long-legged birds, large-billed birds, psittacines, hummingbirds, and swifts.

NAL Call No: Videocassette No. 403.

141

Restraint and Handling of the Cat [videocassette]. Davis, CA: University of California at Davis; 1977; U-Matic 3/4", 15 min.

Key Words: Cats, restraint, veterinary training, veterinary medicine.

Note: This film demonstrates methods of restraining and handling cats in a veterinary hospital setting in order to perform various medical procedures.

NAL Call No: Videocassette No. 217.

142

Restraint and Handling of the Dog [videocassette]. Davis, CA: University of California at Davis; 1977; U-Matic 3/4", 19 min.

Key Words: Dogs, restraint, veterinary training, veterinary medicine.

Note: This program demonstrates proper methods of restraining and handling dogs in a veterinary hospital setting in order to perform various medical procedures.

NAL Call No: Videocassette No. 219.

143

Reverence for Life: Rights and Responsibilities [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Ethics, values, rights, animal welfare.

Note: A panel discussion on how people value and treat animals is presented. The equality of different life forms, rights of animals, and human responsibility toward animals are discussed.

NAL Call No: Videocassette No. 325.

144

Share the Care: Humane Education [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Pets, ethics, children, education, animal welfare.

Note: Barbara Raye of the Minnesota Humane Society and Dr. Ashley Robinson of the University of Minnesota discuss Share the Care, a project designed to teach students K-12 humane treatment of animals. The panelists describe the curriculum and activities of the program. Raye states that the project aims at developing ideas and opinions about animals rather than just providing information and that it has imparted to participants respect and fondness for animals.

NAL Call No: Videocassette No. 327.

145

Shiverer Mouse [videocassette]. Tokyo, Japan: Central Institute for Experimental Animals; 1989; 1/2" VHS, 12 min.

Key Words: Mouse, neuron, myelin basic protein, biotechnology, DNA.

Note: This short film examines how biotechnology is used to study the cause and cure for the disease which afflicts shiverer mice. The cause, a deficiency in the myelin basic protein (MBP), is described and illustrated using micrographs of nerve cells. A MBP gene is injected into a zygote of a shiverer mouse to produce healthy offspring. The Chugai Pharmaceutical Company of Japan developed the video.

NAL Call No: Videocassette No. 439.

146

Signs of Enrichment [videocassette]. Ellensburg, WA: Friends of Washoe Foundation; 1986; 1/2" VHS, 41 min.

Key Words: Chimpanzees, environmental enrichment, laboratory animals, behavior.

Note: Roger and Deborah Fouts of the Friends of Washoe Foundation narrate this film which demonstrates techniques for enriching the environment of captive chimpanzees. Providing a varied diet, "celebrating" birthdays and holidays, and supplying balloons, crayons, and other toys are among the suggestions aimed at alleviating the monotony of confinement in a laboratory animal facility.

NAL Call No: Videocassette No. 184.

147

Silent World: Genetic Engineering-Ethical, Environmental and Animal Welfare Concerns

[videocassette]. Washington, DC: Center for Respect of Life and Environment; 1988; 1/2" VHS, 39 min.

Key Words: Animal welfare, genetics, biotechnology, chimeras, ecology, diseases, patenting, intensive livestock farming, ethics, medical research, pesticides.

Note: Dr. Michael W. Fox considers the environmental effects and ethical implications of genetic engineering. Fox warns that the production of genetically altered organisms could lead to environmental devastation, reduced biological diversity, and increased suffering of research animals. The video examines recent genetic manipulations: monoclonal antibody production from mice, insertion of avian leukemia virus into poultry and the AIDS virus into mice, genetically engineered bacteria for bacterial pesticides, and pigs endowed with the human growth gene. The program concludes with a plea for greater respect for the sanctity of life and possible alternatives to genetic engineering.

NAL Call No: Videocassette No. 417.

148

Silver Spring Monkeys [videocassette]. Washington, DC: People for the Ethical Treatment of Animals, Inc; 1981; 1/2" VHS, 17 min.

Key Words: Cynomologus monkeys, rhesus monkeys, PETA, NIH, deafferentation, neurology, animal abuse, animal welfare.

Note: This videorecording consists of a series of photographs taken by Alex Pacheco while working at the NIH's Institute of Behavioral Research in Silver Spring, MD. The photographs document the poor care and treatment of primates held at the laboratory of Dr. Edward Taub and were used by Pacheco to testify on animal abuse before the U.S. House Subcommittee on Science Research and Technology.

NAL Call No: Videocassette No. 301.

149

Small Animal Anesthetic Induction Technique [videocassette]. Ames, Iowa: Iowa State University; 1978; U-Matic 3/4", 19 min 50 sec.

Key Words: Cats, dogs, anesthesia, veterinary training, sodium pentobarbital, sodium pentothal, ketamine hydrochloride, halothane, nitrous oxide.

Note: This film demonstrates techniques involved in administering common anesthetic agents to cats and dogs and illustrates their effects. The program covers intramuscular, intravenous, and inhalation methods of anesthetic induction. Both the face mask and chamber methods of inhalation anesthetic induction are illustrated.

NAL Call No: Videocassette No. 344.

150

Small Mammals Restraint and Handling [slide]. San Diego Zoological Society and University of California at Davis, School of Veterinary Medicine; 1981; 109 slides, audiocassette 21 min.

Key Words: Porcupines, chinchillas, muskrats, armadillos, bats, zoo animals, restraint, handling, veterinary medicine.

Note: Designed as a tutorial for zoo animal caretakers and veterinarians, this slide set illustrates techniques for the safe and humane restraint and handling of various wild small mammals. The program demonstrates the proper use of nets, snares, squeeze cages and other equipment in order to perform veterinary exams, radiography, and tuberculin tests, provide routine health maintenance, and administer medicines. A guide accompanies the slide set.

NAL Call No: Slide No. 194.

151

Sorry, Charlie [videocassette]. Phoenix, AZ: Arizona Humane Society; 1984; 1/2" VHS, 14 min.

Key Words: Animal control, pets, overpopulation, children.

Note: While searching for a home, an abandoned dog is picked up by an animal control worker and brought to a shelter. This dramatization is designed to educate children about the plight of stray animals and to foster more responsible pet ownership. A teaching guide accompanies the videocassette.

NAL Call No: Videocassette No. 339.

152

Speaking of Harvey [motion picture]. Santa Monica, CA: Pyramid Film & Video; 1982; 16 mm 9 min.

Key Words: Ethics, medical research, surgery, laboratory animals, animal welfare.

Note: A film for junior high through college biology students, it introduces the concept of scientific ethics in relation to animal experimentation. It shows a young physiologist performing a surgical experiment on a rabbit while discussing the emotional difficulties he and other researchers experience working with live animals. The narrator stresses the importance of sensitivity and a humane attitude, recommends restraint when euthanizing animals, and proposes using one animal for several research projects. A complete operation (dearterializing a rabbit's liver) is performed while the researcher shares his thought and feelings about his work.

NAL Call No: Motion Picture No. 169.

153

Suffer the Animals [motion picture]. London, England: British Films Ltd.; 1980; 16 mm, 25 min.

Key Words: Ames test, Draize test, alternative testing methods, pharmaceuticals, cosmetics.

Note: A graphic depiction of experimental animals undergoing stressful and/or painful procedures. The film expresses the view that the use of animals for research and testing is unnecessary and briefly discusses possible alternatives to animal experimentation. Suitable for high school and older.

NAL Call No: Motion Picture No. 189.

154

Surgery Preparation [videocassette]. Davis, CA: University of California; 1984; U-Matic 3/4", 22 min.

Key Words: Sterile techniques, surgery, veterinary training.

Note: This tutorial program details presurgical scrubbing, gowning, and gloving procedures to ensure a sterile surgical environment. It is intended for students of veterinary medicine.

NAL Call No: Videocassette No. 223.

155

Surgical Instruments and Their Use [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 33 min.

Key Words: Surgical equipment, surgical techniques, veterinary medicine, veterinary training.

Note: The proper use of various veterinary surgical instruments, including scalpels, scissors, clamps, tissue forceps, retractors, needle holders, suture needles, groove directors, and other miscellaneous instruments is described and illustrated. Proper suturing techniques are also covered.

NAL Call No: Videocassette No. 207.

156

Techniques with Guinea Pigs [videocassette]. Raleigh, NC: North Carolina State University; 1986; 1/2" VHS, 6 min 30 sec.

Key Words: Guinea pigs, laboratory animals, biomedical techniques, cardiac puncture, restraint, handling.

Note: This film provides concise coverage of techniques involved in the manipulation of guinea pigs for research. Handling, gender determination, administration of substances both orally and by injection, and blood collection techniques are demonstrated using a live guinea pig.

NAL Call No: Videocassette No. 423.

157

Terrorism in Dixon [videocassette]. AgriBase: Kansas City, MO; 1989; 1/2" VHS, 10 min.

Key Words: Arson, farm animals, agricultural marketing.

Note: On January 29, 1989 a fire gutted the Dixon livestock auction in Dixon, CA. The environmentalist group Earth First claimed responsibility for the blaze. This video examines the aftermath of the fire that destroyed an estimated \$400,000 worth of property.

NAL Call No: Videocassette No. 625.

158

To Hunt or Not to Hunt [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Hunting, wild animals, animal welfare.

Note: Dr. Barbara O'Connel, Professor of Anthropology at Hamline University, Dov Cohn, an animal protection advocate, and Dr. James Cooper, Associate Professor of Fisheries and Wildlife of the University of Minnesota discuss why people hunt and whether hunting should be permitted.

NAL Call No: Videocassette No. 370.

159

Tools for Research: Questions About Animal Rights [videocassette]. Oley, PA: Bullfrog Films; 1983; 1/2" VHS, 37 min.

Key Words: LD 50, Draize test, animal welfare, pound animals, animal models, medical research, ethics.

Note: This film questions basic assumptions about animal research: Do existing laws actually protect laboratory animals? Is all animal research of value to humans? Is most current research repetitive and wasteful? Can experimental results from animals be accurately extrapolated to humans? Do lab animals suffer? Comments from psychologist Don Barnes and philosophers Peter Singer and Bernard Rollin suggest that much of animal research is unnecessary. The film includes old footage from Department of Defense animal experiments and cosmetic and pharmaceutical laboratory animal testing.

NAL Call No: Videocassette No. 499.

160

Transgenic Farm Animals (videocassette). Washington, DC: USDA Food Safety and Inspection Service; 1986; 1/2" VHS, 53 min.

Key Words: Biotechnology, pigs, USDA.

Note: This is a videotaped seminar given by Dr. Douglas Bolt, USDA-ARS Reproduction Physiology Lab, describing the methodology and results of a research project in which a foreign growth gene was transferred by microinjection into the pronuclei of a pig's ovum.

NAL Call No: Videocassette No. 264.

161

The Ultimate Test Animal [videocassette]. New York, NY: Cinema Guild; 1985; 1/2" VHS, 41 min.

Key Words: Animal models, product safety, Depo Provera, contraceptives, pharmaceuticals, cancer, depression.

Note: This film examines the controversy surrounding the widespread use of Depo Provera, a contraceptive drug produced by Upjohn Company. The drug is currently available in the U.S. and some third world countries. Representatives of the Upjohn Company and FDA, as well as drug recipients comment on its safety and side effects. The validity of data from animal studies are called into question.

NAL Call No: Videocassette No. 425.

162

Understanding Farm Animal Behavior [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

Key Words: Cattle, pigs, farm animals, behavior, animal welfare.

Note: Dr. William Hall, Professor of Veterinary Medicine at the University of Illinois, and Dr. William Rempel, Professor of Animal Science at the University of Minnesota, discuss and explain aspects of farm animal behavior. The panelists field questions from the moderator and the audience. The discussion touches on factory farming and animal rights.

NAL Call No: Videocassette No. 367.

163

Unnecessary Fuss [videocassette]. Washington, DC: People for the Ethical Treatment of Animals; 1984; 1/2" VHS, 29 min.

Key Words: Biomedical techniques, baboons.

Note: Ingrid Newkirk of PETA narrates segments of videotape removed from the University of Pennsylvania Head Injury Clinic by the Animal Liberation Front in June, 1984. The segments highlight neurological procedures on baboons and critique research methodologies by scientists.

NAL Call No: Videocassette No. 299.

164

Using Animals in Research: Guidelines for Investigators [videocassette]. Beltsville, MD: USDA, Agricultural Research Service; 1986; U-Matic 3/4", 6 videotapes 240 min.

Key Words: Animal welfare, legislation, animal research, regulations, euthanasia, PETA, APHIS, NIH, investigators.

Note: This film records in its entirety a course sponsored by the USDA/Agricultural Research Service and presented to investigators on March 25, 1986. Speakers from the Animal and Plant Health Inspection Service, National Institutes of Health, Public Health Service, and Agricultural Research Service present information on laws, policies, and practices that affect the use of research animals, discuss techniques that are commonly used in an animal laboratory; and provide references for those who want to learn more about specific procedures. Tape 1-Regulatory issues from an APHIS perspective. Tape 2-Film, "Unnecessary Fuss", assembled by PETA from U of PA research documentation. Tape 3-Principles and policies for animal use in NIH extramural programs. Tape 4-Principles and policies for animal use in the Beltsville area. Tape 5-Technical information and training opportunities for animal users. Tape 6-Panel discussion of audience questions.

NAL Call No: Videocassette No. 186.

165

The Value of Animal Research in the Betterment of Health [videocassette]. Gainesville, FL: University of Florida; 1984; 1/2" VHS, 16 min 50 sec.

Key Words: Laboratory animals, medical research, animal welfare, ethics.

Note: An overview of animal use in research, this program emphasizes the role of animal experimentation in the advancement of human health care.

NAL Call No: Videocassette No. 203.

166

Veal Farming Is Special [videocassette]. Park Ridge, IL: American Farm Bureau Federation; 1983; 1/2" VHS, 12 min.

Key Words: Veal calves, intensive livestock farming, animal welfare, husbandry.

Note: Promoting the merits of the veal industry, this film begins with a tour of a family operated veal farm. Family members comment on aspects of animal management including iron supplementation, ventilation, and sanitation. Dr. Don Lawson of the Provimi Veal Company discusses research on alternate housing systems including the loose housing and modified stall systems.

NAL Call No: Videocassette No. 436.

167

Voices I Have Heard [videocassette]. Raleigh, NC: Culture and Animals Foundation; 1988; 1/2" VHS, 60 min.

Key Words: Animal welfare, activists, laboratory animals, pets, wildlife.

Note: Older activists tell how they are improving the welfare of animals. Among the activities undertaken by these individuals are: caring for injured wildlife, protesting animal research, maintaining a private wildlife refuge, preventing carriage horse abuse, promoting alternatives to the use of live animals for experimentation, protecting Canadian seal pups, and rescuing burrows in the Grand Canyon.

NAL Call No: Videocassette No. 419.

168

We Are All Noah [videocassette]. New York, NY: American Fund for Alternatives to Animal Research; 1986; 1/2" VHS, 25 min.

Key Words: Religion, ethics, alternatives, cats, dogs, cattle, chickens, pigs, medical research.

Note: Tom Regan narrates this discussion of religious values regarding the care and use of animals. Representatives from the Jewish and Christian faiths call for a more compassionate relationship between humans and animals. Painful research and testing procedures, fur trapping, intensive animal agriculture, and pound animal euthanasia are discussed. Alternatives to the use of live animals in research and education are briefly examined.

NAL Call No: Videocassette No. 505.

169

Who Cares Anyway [videocassette]. Toronto, Canada: Lynx Film Production; 1979; 1/2" VHS, 30 min.

Key Words: Animal welfare, euthanasia, overpopulation, puppy mills, humane society, animal abuse.

Note: Shows what happens when animals are no longer desirable as pets. Emphasizes the abuses of puppy mill breeding. Discusses abandonment of pets and the need for controls, as well as, what happens to animals in shelters.

NAL Call No. Videocassette No. 827.

170

Who Speaks for the Animals? [slide]. Hyattsville, MD: USDA/Animal and Plant Health Inspection Service; 1987; 80 slides, audiocassette 15 min.

Key Words: Animal welfare, ethics, APHIS, legislation, regulations.

Note: This slide set presents an overview of animal welfare issues and discusses the role of the Animal and Plant Health Inspection Service (APHIS) in enforcing legislation designed to protect animals from abuse.

NAL Call No: Slide No. 208.

171

Will I Be Alright Doctor? [videocassette]. Washington, DC: Foundation for Biomedical Research; 1984 (No.146) and 1985 (No.147); 1/2" VHS, 14 min 6 sec.

Key Words: Health care, laboratory animals, medical research, animal welfare, ethics.

Note: Surgeons and patients discuss the contribution of animal research to the advancement of human health care. Particular benefits discussed in this program include greater success with organ transplants and correcting congenital birth defects, extending operating time, and improving chemotherapy treatments for leukemia patients. A laboratory animal veterinarian comments on his role in ensuring humane care and use of experimental animals. Footage of humans and animals undergoing surgery is presented.

NAL Call No: Videocassette No. 146 and No. 147.

SUBJECT INDEX

AGRICULTURAL ANIMALS: 1, 9, 11, 13, 17, 31, 39, 44, 45, 64, 68, 69, 84, 86, 98, 107, 115, 116, 147, 157, 160, 162, 166

ANATOMY: 48, 49, 50, 51, 52

ANIMAL WELFARE/RIGHTS: 1, 2, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 29, 30, 40, 42, 57, 58, 62, 64, 81, 93, 95, 110, 115, 116, 133, 134, 143, 147, 148, 152, 153, 157, 158, 159, 163, 164, 165, 167, 168, 169, 170, 171

ANIMALS BY GROUP:

AMPHIBIANS & REPTILES: 4, 52, 66, 129, 130, 136

BIRDS: 108, 140

CATS: 21, 38, 49, 55, 56, 108, 113, 141, 149

DOGS: 20, 22, 32, 35, 43, 55, 56, 57, 61, 89, 109, 113, 139, 142, 149, 151

GERBILS: 19, 99

GUINEA PIGS: 19, 23, 72, 73, 74, 75, 113, 119, 122, 156

HAMSTERS: 19, 77, 78, 106, 121, 123

MICE: 24, 46, 94, 100, 101, 102, 103, 104, 105, 106, 124, 145

PRIMATES: 18, 25, 29, 30, 63, 71, 111, 127, 128, 131, 146, 148, 163

RABBITS: 26, 72, 110, 113, 120, 125, 152,

RATS: 27, 90, 91, 92, 106, 110, 126

RODENTS (GENERAL): 19, 34, 79, 113

BIOMEDICAL TECHNIQUES: 19, 20, 21, 22, 23, 24, 25, 26, 27, 55, 69, 70, 72, 90, 92, 94, 99, 102, 106, 108, 110, 112, 118, 119, 120, 121, 122, 123, 124, 125, 126, 128, 130, 131, 139, 145, 149, 154, 155, 156

HUSBANDRY & HANDLING: 4, 19, 21, 22, 23, 24, 25, 26, 27, 33, 34, 39, 44, 45, 46, 47, 55, 56, 64, 69, 70, 73, 74, 75, 77, 78, 79, 88, 89, 90, 91, 92, 98, 99, 100, 101, 102, 103, 104, 105, 106, 110, 111, 112, 113, 122, 123, 124, 125, 126, 127, 129, 131, 136, 139, 146, 156

PETS & ANIMAL SHELTERS: 12, 13, 35, 68, 82, 87, 109, 144, 151, 169

VETERINARY MEDICINE: 4, 20, 32, 36, 43, 47, 61, 67, 68, 74, 77, 77, 88, 89, 91, 93, 100, 104, 105, 108, 111, 114, 136, 141, 142, 149, 154, 155

ZOOS, EXOTICS, & WILD ANIMALS: 5, 16, 18, 28, 37, 53, 59, 60, 63, 71, 76, 80, 96, 97, 117, 131, 138, 140, 146, 150, 158

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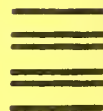
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